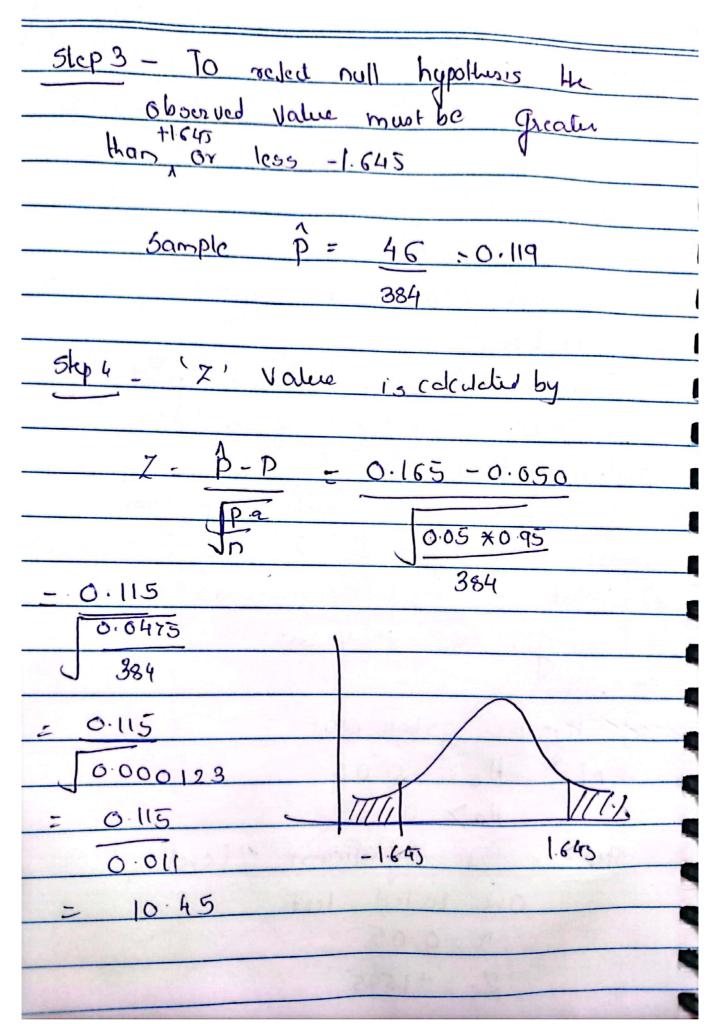
During the 1980, the general consensus
is that about 5% of nations children
had autism some claimed that increases
certain chemicals in the environment has
led to an increax in autism.
(a) Write an appropriate hypothesis test for
His situation
(b) Give an appropriate test for the hypothe
stating what are necessary condution for
performing test.
(1) 384- Children 46- autism. Perform
a test OF hypothesis & State P value
(d) What one your condusion. I state
how you use A value
>> 50/wt10n-
a) Hypothesis statement
step1 Ho = 0.05
Ha> 005
Step 2 - Set significant level
on tailed test
Y = 0.05
20-11-645
WC - 21012



It is Observed value of Z is in the
Aslection many Cobserved Z = 10.45>
refection region (observed = 10.45)
50 relat the null hypothesis.
It is concluded that proportion of autom
out of 384 children was not 0.05
d=005
$Z = \hat{\rho}_c - P$
JPY
Ω
+ 1.645 = P005
+ 1.645 = Pe -005 (0.05)x(0.95
384
Pe = 0.05 + 1.695 (0.05).(0.95)
384
304
= 0 == + 1 Cos   0 0/75
= 0.05 + 1.695 <u>0.0475</u>
= 0.05 + 1.695 0 000123
= 0.05 + 1.695 (0.01109)
= 0.05 + 0.0187

	·068 and 0.0	ევც
Since	the garden	
0.162	which is greater	Han order
	al se	
	Y. 6.1	